

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/576,675
Source: IFWP
Date Processed by STIC: 5-1-06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,675

TIME: 10:53:02

Input Set : A:\ANL5001F

Output Set: N:\CRF4\05012006\J576675.raw

```

3 <110> APPLICANT: ANDROCLUS THERAPEUTICS, S.A.
5 <120> TITLE OF INVENTION: MOLECULES FOR MODULATING ACTIVITY OF TOLL-LIKE
6   RECEPTORS AND METHODS OF USING THE SAME
8 <130> FILE REFERENCE: AND-5001-PC
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/576,675
C--> 11 <141> CURRENT FILING DATE: 2006-04-21
13 <150> PRIOR APPLICATION NUMBER: 60/513,231
14 <151> PRIOR FILING DATE: 2003-10-21
16 <160> NUMBER OF SEQ ID NOS: 73
18 <170> SOFTWARE: PatentIn Ver. 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 22
22 <212> TYPE: PRT
23 <213> ORGANISM: Escherichia coli
25 <220> FEATURE:
26 <223> OTHER INFORMATION: hsp 70
28 <400> SEQUENCE: 1
29 Ile Gln Gln Arg Tyr Pro His Leu Pro Tyr Gln Phe Gln Ala Ser Glu
30   1           5           10           15
32 Asn Gly Leu Pro Met Ile
33           20
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 21
38 <212> TYPE: PRT
39 <213> ORGANISM: Homo sapiens
41 <220> FEATURE:
42 <223> OTHER INFORMATION: hsp 60
44 <400> SEQUENCE: 2
45 Val Lys Ala Pro Gly Phe Gly Asp Asn Arg Lys Asn Gln Leu Lys Asp
46   1           5           10           15
48 Met Ala Ile Ala Thr
49           20
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 20
54 <212> TYPE: PRT
55 <213> ORGANISM: Escherichia coli
57 <220> FEATURE:
58 <223> OTHER INFORMATION: hsp 70
60 <400> SEQUENCE: 3
61 Ile Arg Glu Gln Ala Gly Ile Pro Asp Arg Ser Asp Asn Arg Val Gln
62   1           5           10           15
64 Arg Glu Leu Leu
65           20

```

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,675

TIME: 10:53:02

Input Set : A:\AND5001P

Output Set: N:\CRF4\05012006\J576675.raw

```

68 <210> SEQ ID NO: 4
69 <211> LENGTH: 21
70 <212> TYPE: PRT
71 <213> ORGANISM: Homo sapiens
73 <220> FEATURE:
74 <223> OTHER INFORMATION: hsp 60
76 <400> SEQUENCE: 4
77 Val Thr Thr Ser Glu Tyr Glu Lys Glu Lys Leu Asn Glu Arg Leu Ala
78   1           5           10           15
80 Lys Leu Ser Asp Gly
81           20
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 26
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <220> FEATURE:
90 <223> OTHER INFORMATION: hsp 70
92 <400> SEQUENCE: 5
93 His Phe Val Glu Glu Phe Lys Arg Lys His Lys Lys Asp Ile Ser Gln
94   1           5           10           15
96 Asn Lys Arg Ala Val Arg Arg Leu Arg Thr
97           20           25
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 31
102 <212> TYPE: PRT
103 <213> ORGANISM: Escherichia coli
105 <220> FEATURE:
106 <223> OTHER INFORMATION: hsp 60
108 <400> SEQUENCE: 6
109 Gly Val Ala Gln Ile Arg Gln Gln Ile Glu Glu Ala Thr Ser Asp Tyr
110   1           5           10           15
112 Asp Arg Glu Lys Leu Gln Glu Arg Val Ala Lys Leu Ala Gly Gly
113           20           25           30
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 19
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <220> FEATURE:
122 <223> OTHER INFORMATION: hsp 70
124 <400> SEQUENCE: 7
125 Ile Thr Ile Thr Asn Asp Lys Gly Arg Leu Ser Lys Glu Glu Ile Glu
126   1           5           10           15
128 Arg Met Val
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 19
134 <212> TYPE: PRT
135 <213> ORGANISM: Escherichia coli
137 <220> FEATURE:
138 <223> OTHER INFORMATION: hsp 60

```

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,675

TIME: 10:53:02

Input Set : A:\AND5001P

Output Set: N:\CRF4\05012006\J576675.raw

```

140 <400> SEQUENCE: 8
141 Leu Ala Asp Leu Arg Gly Gln Asn Glu Asp Gln Asn Val Gly Ile Lys
142   1           5           10           15
144 Val Ala Leu
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 23
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapiens
153 <220> FEATURE:
154 <223> OTHER INFORMATION: hsp 70
156 <400> SEQUENCE: 9
157 Trp Leu Asp Ala Asn Thr Leu Ala Glu Lys Asp Glu Phe Glu His Lys
158   1           5           10           15
160 Arg Lys Glu Leu Glu Gln Val
161           20
164 <210> SEQ ID NO: 10
165 <211> LENGTH: 29
166 <212> TYPE: PRT
167 <213> ORGANISM: Mycobacterium sp.
169 <220> FEATURE:
170 <223> OTHER INFORMATION: hsp 60
172 <400> SEQUENCE: 10
173 Gly Arg Val Ala Gln Ile Arg Gln Glu Ile Glu Asn Ser Asp Ser Asp
174   1           5           10           15
176 Tyr Asp Arg Glu Lys Leu Gln Glu Arg Leu Ala Lys Leu
177           20           25
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 22
182 <212> TYPE: PRT
183 <213> ORGANISM: Mycobacterium sp.
185 <220> FEATURE:
186 <223> OTHER INFORMATION: hsp 60
188 <400> SEQUENCE: 11
189 Gln Ile Arg Gln Glu Ile Glu Asn Ser Asp Ser Asp Tyr Asp Arg Glu
190   1           5           10           15
192 Lys Leu Gln Glu Arg Leu
193           20
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 20
198 <212> TYPE: PRT
199 <213> ORGANISM: Mycobacterium sp.
201 <220> FEATURE:
202 <223> OTHER INFORMATION: hsp 60
204 <400> SEQUENCE: 12
205 Thr Glu Val Glu Leu Lys Glu Arg Lys His Arg Ile Glu Asp Ala Val
206   1           5           10           15
208 Arg Asn Ala Gly
209           20
212 <210> SEQ ID NO: 13

```

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,675

TIME: 10:53:02

Input Set : A:\AND5001P

Output Set: N:\CRF4\05012006\J576675.raw

```

213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: Mycobacterium sp.
217 <220> FEATURE:
218 <223> OTHER INFORMATION: hsp 60
220 <400> SEQUENCE: 13
221 Glu Leu Lys Glu Arg Lys His Arg Ile
222   1             5
225 <210> SEQ ID NO: 14
226 <211> LENGTH: 14
227 <212> TYPE: PRT
228 <213> ORGANISM: Homo sapiens
230 <220> FEATURE:
231 <223> OTHER INFORMATION: hsp 70
233 <400> SEQUENCE: 14
234 Glu Phe Lys Arg Lys His Lys Lys Asp Ile Ser Gln Asn Lys
235   1             5             10
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 23
240 <212> TYPE: PRT
241 <213> ORGANISM: Homo sapiens
243 <220> FEATURE:
244 <223> OTHER INFORMATION: hsp 70
246 <400> SEQUENCE: 15
247 Leu Ser Lys Glu Glu Ile Glu Arg Met Val Gln Glu Ala Glu Lys Tyr
248   1             5             10             15
250 Lys Ala Glu Asp Glu Val Gln
251             20
254 <210> SEQ ID NO: 16
255 <211> LENGTH: 11
256 <212> TYPE: PRT
257 <213> ORGANISM: Homo sapiens
259 <220> FEATURE:
260 <223> OTHER INFORMATION: hsp 70
262 <400> SEQUENCE: 16
263 Glu Ala Asp Lys Lys Lys Val Leu Asp Lys Cys
264   1             5             10
267 <210> SEQ ID NO: 17
268 <211> LENGTH: 13
269 <212> TYPE: PRT
270 <213> ORGANISM: Homo sapiens
272 <220> FEATURE:
273 <223> OTHER INFORMATION: hsp 70
275 <400> SEQUENCE: 17
276 Ala Glu Lys Asp Glu Phe Glu His Lys Arg Lys Glu Leu
277   1             5             10
280 <210> SEQ ID NO: 18
281 <211> LENGTH: 8
282 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,675

TIME: 10:53:02

Input Set : A:\AND5001P

Output Set: N:\CRF4\05012006\J576675.raw

```

283 <213> ORGANISM: Homo sapiens
285 <220> FEATURE:
286 <223> OTHER INFORMATION: dnaj
288 <400> SEQUENCE: 18
289 Glu Glu Ile Lys Arg Ala Tyr Arg
290   1           5
293 <210> SEQ ID NO: 19
294 <211> LENGTH: 12
295 <212> TYPE: PRT
296 <213> ORGANISM: Escherichia coli
298 <220> FEATURE:
299 <223> OTHER INFORMATION: dnaj
301 <400> SEQUENCE: 19
302 Thr Ala Glu Glu Arg Glu Ile Arg Lys Ala Tyr Lys
303   1           5           10
306 <210> SEQ ID NO: 20
307 <211> LENGTH: 14
308 <212> TYPE: PRT
309 <213> ORGANISM: Escherichia coli
311 <220> FEATURE:
312 <223> OTHER INFORMATION: dnaj
314 <400> SEQUENCE: 20
315 Lys Glu Ala Glu Ala Lys Phe Lys Glu Ile Lys Glu Ala Tyr
316   1           5           10
319 <210> SEQ ID NO: 21
320 <211> LENGTH: 12
321 <212> TYPE: PRT
322 <213> ORGANISM: Escherichia coli
324 <220> FEATURE:
325 <223> OTHER INFORMATION: dnaj
327 <400> SEQUENCE: 21
328 Asn Glu Arg Gln Lys Gln Leu Leu Gln Glu Leu Gln
329   1           5           10
332 <210> SEQ ID NO: 22
333 <211> LENGTH: 9
334 <212> TYPE: PRT
335 <213> ORGANISM: Homo sapiens
337 <220> FEATURE:
338 <223> OTHER INFORMATION: hsp 60
340 <400> SEQUENCE: 22
341 Lys Lys Gln Ser Lys Pro Val Thr Thr
342   1           5
345 <210> SEQ ID NO: 23
346 <211> LENGTH: 16
347 <212> TYPE: PRT
348 <213> ORGANISM: Homo sapiens
350 <220> FEATURE:
351 <223> OTHER INFORMATION: hsp 60
353 <400> SEQUENCE: 23

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,675

DATE: 05/01/2006

TIME: 10:53:03

Input Set : A:\AND5001P

Output Set: N:\CRF4\05012006\J576675.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date